

Converting Colors

CIELCh(73, 36.478, 250.200)

Have a look what the booklet for
CIELCh(73, 36.478, 250.200)
contains.

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Color

CIELCh(73, 36.352, 249.735)

Conversions

Conversions Part 1

Format	Color
Hex	60BDF1
RGB	96, 189, 241
RGB Percent	38%, 74%, 95%
CMY	0.6241, 0.2593, 0.0554
CMYK	0.60, 0.22, 0.00, 0.06
HSL	202°, 84%, 66%
HSV	202°, 60%, 94%
XYZ	38.8378, 45.1644, 89.7888
YIQ	167.1210, -72.1200, -3.5440

Conversions

Conversions Part 2

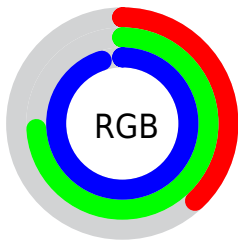
Format	Color
R_{YB}	96, 153, 241
Decimal	6340081
CIE _{Lab}	73.00, -12.59, -34.10
CIE _{LCh}	73, 36.352, 249.735
Yxy	45.1644, 0.2235, 0.2599
Android (android.graphics.Color)	4284530161 (0xFF60BDF1)
YUV	167.1210, 36.4223, -62.3731
Hunter-Lab	67.2044, -14.4517, -32.1715

Details

The CIELCh color **73, 36.352, 249.735** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70, 51.729, 54.207**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 27.315, 208.795**, and **53, 36.377, 249.726** is the 20% darker color. If you saturate the color by 10%, you get **70, 40.886, 253.223**, and if you desaturate by 10%, it is **76, 31.343, 246.860**.

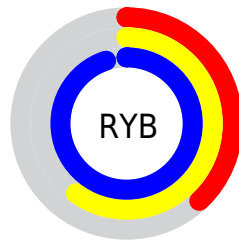
Distribution



Red (38%)

Green (74%)

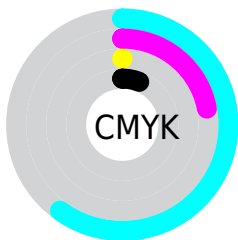
Blue (95%)



Red (38%)

Yellow (60%)

Blue (95%)

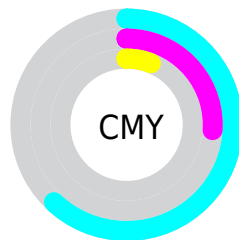


Cyan (60%)

Magenta (22%)

Yellow (0%)

Black (6%)



Cyan (62%)


Magenta (26%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 36.352, 249.735 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 36.352, 249.735 by changing the saturation by 10% instead.


 73, 36.352,
249.735


 73, 36.352,
249.735


 100, 36.352,
249.735


 63, 36.352,
249.735


 93, 36.352,
249.735

 53, 36.352,
249.735

 43, 36.352,
249.735

 33, 36.352,
249.735

 23, 36.352,
249.735

 13, 36.352,
249.735

 3, 36.352, 249.735

0, 36.352, 249.735

73, 36.352,
249.735

73, 36.352,
249.735

70, 40.886,
253.223

76, 31.343,
246.860

67, 45.013,
257.363

80, 25.858,
244.520

64, 48.868,
262.122

84, 19.935,
242.631

61, 52.606,
267.151

87, 13.631,
241.115

91, 7.013, 239.916

95, 0.147, 242.541

98, 4.732, 84.552

100, 7.151,
109.632

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 36.352, 249.735



70, 51.729, 54.207

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 36.352, 249.735



73, 36.352, 299.735



73, 36.352, 69.735



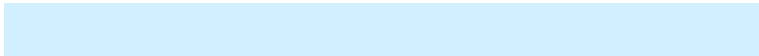
73, 36.352, 119.735

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 36.351, 249.735



93, 12.774, 240.831



86, 68.373, 149.972



48, 8.825, 241.220



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 36.351, 249.735



73, 43.590, 254.006



54, 70.700, 293.933



48, 3.896, 239.842



47, 42.411, 266.188



13, 16.936, 257.706

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 68.463, 342.304



61, 81.119, 344.012



87, 62.191, 96.382



47, 6.691, 337.408



40, 69.689, 349.412



9, 31.315, 345.525

Previews

White Background



This preview shows how the CIELCh color 73, 36.352, 249.735 looks on a white background.

Color Contrast Check

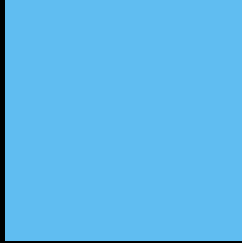
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 36.352, 249.735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

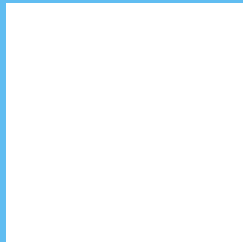
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 36.352, 249.735

Background



This preview shows how black text looks on a background with the CIELCh color 73, 36.352, 249.735.

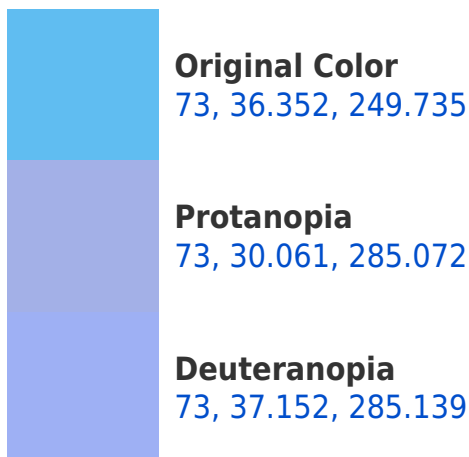


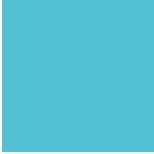
This preview shows how white text looks on a background with the CIELCh color 73, 36.352, 249.735.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
73, 32.113, 213.092

Trichromacy



Original Color
73, 36.352, 249.735

Protanomaly
73, 31.406, 269.108

Deuteranomaly
73, 35.625, 271.137

Tritanomaly
73, 32.117, 227.242

Monochromacy



Original Color
73, 36.352, 249.735

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 15.240, 242.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 36.352, 249.735 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(96, 189, 241)` looks like.

```
.text, #text, p{  
    color:rgb(96, 189, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(96, 189, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 189, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 36.352, 249.735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 189, 241) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(96, 189, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(96, 189, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 189, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 189, 241);  
box-shadow:4px 4px 4px 4px rgb(96, 189,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 36.352, 249.735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 189, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(96, 189,  
241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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